

# **BlackJax 4**

**Anti-CarJacking &  
Vehicle Self-Recovery System**

**CLIFFORD**  
*The Science of Security™*



***User's Manual***

## Standard Features

*The following are standard features of this system. Some vehicles may require optional parts/wiring and a few are incompatible with some features.*

- EC-approved (Europe)
- Lifetime warranty (see terms & conditions)
- AntiTheft guarantee (see terms & conditions)
- Advanced anti-carjacking response system that let's you safely recover your vehicle yourself
- No buttons to push when there's a gun in your face
- BlackJax is fully automatic and always working
- Authorized driver simply inputs his or her secret PIN code (user-selectable) to deactivate
- BlackJax is real-world proven to save vehicles and lives
- Exclusive patented PlainView 2 switch makes PIN code entry easy and convenient
- User-selectable 1-4 digit PIN code you can set or reset anytime you wish
- Allows thief to drive a short distance away for your safety
- Sounds siren and flashes lights less than one minute later
- Safely pulses the ignition system, electronically forcing the vehicle to a stop
- Thief can't restart the engine, even if he could remove the BlackJax 4 system
- Ignores any PIN code guesses of the thief after three incorrect entries
- Thief has no choice but to abandon the vehicle in traffic and in front of witnesses
- Self-recovery: Just input your PIN code to silence the siren and regain control
- Selectable AutoImmobilization
- G4 CliffNet DataPort for access via your Windows 95/98 computer
- Rugged, high-output siren
- User-selectable 30/60/90-second siren duration
- Output for connection to car horn, air horns or optional secondary siren (may require optional relay and wiring)
- Secure valet/override mode
- LED status indicator

## Maintenance

Your Clifford system requires no maintenance. This product, like any electrical device in your vehicle, requires your car battery be in proper working order and fully charged. To ensure proper operation, periodically have your vehicle battery "load-checked" at any local garage/mechanic. Also make sure the battery cables and connections are tight and free from corrosion.

**Welcome to the world of  
high-technology vehicle security and convenience**

Congratulations on the purchase of your Clifford Electronics BlackJax 4 anti-carjacking & vehicle self-recovery system. Clifford Electronics has long been recognized as the leading manufacturer of high-technology vehicle security systems. Our commitment to technological innovation, quality and reliability is clearly evident in your Clifford system. Yet despite all its sophistication, your system is amazingly easy to use, never more difficult than a few presses of a button.

**How it works**

BlackJax 4 provides a safe and effective means of recovering your vehicle after a theft or carjacking. In a carjacking situation, the sooner you are out of the car the better. Don't resist or take anything with you, just get out and get away. The instant the car door is opened, your BlackJax 4 takes charge. First it allows the carjacker to drive a short distance, ensuring your safety. Then it repeatedly flashes the brake lights and continuously sounds the siren to caution nearby drivers and draw attention to your stolen vehicle. It then electronically pulses off the vehicle's ignition system, safely forcing your vehicle to slow at then stop.

After safely shutting down the engine, BlackJax 4 prevents it from being restarted. In fact, BlackJax 4 assures the thief cannot restart the engine even if he were to find and remove the system control unit. Unable to restart the engine, and with your vehicle stalled in the middle of traffic — siren wailing and lights flashing — the carjacker has no choice but to abandon your car. (The same occurs to anyone who steals your parked car from you at a gas station or in a parking lot, which are the most common carjacking sites). To recover your vehicle, you simply walk a block or two to your car, enter your PIN (personal identification number) code, and the system releases control of the vehicle to you.

Your secret PIN code tells the system that the car is being driven by an authorized person. If you or a passenger opens and closes a car door at any point while the engine is running (as would occur in a carjacking attempt), *you must again enter your secret code.*

**VERY IMPORTANT:** *Each time you begin driving you MUST enter your PIN code via the PlainView 2 switch on the dash board or con sole (un less the system is in valet mode). You may turn this feature on or off any time.*

**Your secret disarming PIN code**

Unless the system is in valet mode, within 20 seconds after you switch on the ignition and press the brake (or open and close a door while the engine is running), you **must** enter your secret disarming PIN code on the PlainView 2 switch to let the system know it is you who is driving.

**Your system's factory- set PIN code is the single digit 2.**

**Entering a code**

To enter your code, press the★ button the appropriate number of times on the PlainView 2 switch, followed by the blank button. To enter a zero, you simply press the blank button.

**EXAMPLE:** *To enter the factory- set code of 2, you would press and release the switch in this manner: ★★ blank.*

**EXAMPLE:** *To enter a code of 1230, you would press: ★ blank, ★★ blank, ★★★ blank, blank.*

### **IMPORTANT: What you MUST do to drive your car**

Until you set your own PIN code, you will use the factory-set code of "2." To drive your car, do the following:

1. Shut all doors, then start the engine.
2. Enter the factory-set disarming code of 2: ★★ blank (you may do this while driving, if you wish).
3. The dashboard LED will flash on for an instant to confirm proper code entry. You may now drive or continue driving the vehicle.

### **What you MUST do if you hear 5 siren chirps while driving**

If you forget to enter your code, the system will remind you 20 seconds after you begin driving by "chirping" the siren 5 times and flashing the LED. At this point, you have another 20 seconds to enter your code. When entered, the LED will stop flashing and the siren will chirp once to confirm proper code entry. If the proper code is **not** entered within 20 seconds after the 5-chirp signal, the engine will be shut down. You may enter your disarming code even after the engine is shut down. Once the proper disarming code is entered, you will be able to resume driving.

### **How to set your own valet/disarming PIN code**

Since all BlackJax 4 systems use the same factory-set code of 2, we strongly recommend that you program your own unique code as soon as possible. Your secret valet/disarming PIN code will be used to deactivate BlackJax, enter valet mode and enter programming mode. You may choose any 1-4-digit PIN code, but the first digit must not be a zero (e.g., 1023 is a valid code, 0123 is not). See *User-selectable features*. Let's say you want to set a PIN code of 4301:

1. Enter program mode by turning on the ignition, entering your current code, then pressing and holding the ★ button of the PlainView 2 switch for 3 seconds until you hear a chirp.
2. Press the blank button once, then pause. After pausing, you will hear a confirmation chirp.
3. Within 5 seconds, press and release the ★ button 7 times. To help you count, you will hear a chirp each time you press the ★ button. After 7 presses, **immediately** press the blank button, then **immediately** enter your new code.

**Example: To enter 4301 as your new code, you would press the switch buttons in this manner: ★★ ★ blank, ★★ blank, blank, ★ blank.**

4. **Wait** for the 2-chirp confirmation.
5. Turn off the ignition to exit program mode (you'll hear a 3-chirp confirmation).
6. **VERY IMPORTANT: You must immediately test your new valet/disarming PIN code:** Turn on the ignition, enter your new code, then press and hold the blank button for 4 seconds. The LED will illuminate to indicate that the system is in valet mode. Turn the ignition off. The system is now in valet mode.

**If the LED does not illuminate, the new code you programmed and the one you just entered do not match. In such a case, the system will revert to the previous code.**

7. To exit valet mode and return to normal operation, turn the ignition on and enter your code. The LED will turn off to confirm that the system has exited valet mode.

### **"Guessing" your code won't help a carjacker**

What if the carjacker is familiar with Clifford's patented PlainView 2 coding system and tries guessing codes at random? No problem. After three incorrect codes are entered, the system will ignore any further code entries for a short time. So even if the carjacker were to actually stumble upon your code during this time, he would *still* not be able to silence your system or restart the engine.

## Two-Point AutoImmobilization

BlackJax 4 is not a car alarm, but you can set BlackJax 4 to automatically immobilize your vehicle's starter and ignition systems to prevent a thief from starting the engine if he breaks into your parked car. This will assure that he will not even be able to drive your car off at all. If you have this feature programmed on (it is factory set to off), AutoImmobilization of the starter and ignition will occur 30 seconds after turning off the ignition key. The dashboard LED will flash repeatedly in this state to warn away potential thieves.

To drive the vehicle after AutoImmobilization has occurred:

1. Insert your car key and turn the ignition all the way to the ON position.
2. Enter your PIN code
3. You may now start the engine.

Since you input your PIN code even before starting the engine, you will not need to re-enter when you begin driving.

### How to turn the AutoImmobilization feature on/off

1. Enter program mode by turning on the ignition, entering your PIN code, then pressing and holding the ★ button of the PlainView 2 switch for 3 seconds until you hear a chirp.
2. Press the blank button once, then pause. After pausing, you will hear a confirmation chirp.
3. Within 5 seconds, press and release the ★ button 6 times. To help you count, you will hear a chirp each time you press the ★ button.
4. Pause. You will hear either one or two chirps: One chirp = off; two chirps = on.
5. Turn off the ignition to exit program mode (you'll hear a 3-chirp confirmation).

### How to interpret the LED status indicator

LED Condition	Meaning
Off	System is disarmed and in normal operating mode (i.e., valet mode is off)
On	Valet mode is on (i.e., BlackJax anti-carjacking is off). The vehicle may be driven without ever having to enter the PIN code
Flashing rapidly (ignition on)	Anti-carjacking mode has been engaged, enter your valet/disarming code IMMEDIATELY
Flashing	System is disarmed but the Two-Point AutoImmobilization has been engaged

## High-Output Siren

This Clifford-engineered siren is more rugged than generic sirens.

You may change the factory set 30-second siren duration to 60 or 90 seconds via the programming procedure or via the CliffNet Wizard software (see the following section). Please note that this feature is not available on European models in compliance with EC requirements.

### How to change siren duration

1. Enter program mode by turning on the ignition, entering your PIN code, then pressing and holding the ★ button of the PlainView 2 switch for 3 seconds until you hear a chirp.
2. Press the blank button once, then pause. After pausing, you will hear a confirmation chirp.
3. Within 5 seconds, press and release the ★ button 4 times. To help you count, you will hear a chirp each time you press the ★ button.
4. Pause. You will hear either one, two or three chirps: One chirp = 30 seconds; two chirps = 60 seconds; 3 chirps = 90 seconds.
5. Turn off the ignition to exit program mode (you'll hear a 3-chirp confirmation).

### **Optional CliffNet Wizard™ & DataPort Interface Connector**

If you opted for the Clifford DataPort interface connector, you may use our CliffNet Wizard software to access your system through your Windows PC. CliffNet Wizard will show you, on your PC screen, all your user-programmable feature settings. You can customize features like siren duration with just a click of your mouse, or easily enter a new PIN code. It's actually fun! And secure. To learn more and download this free software, go to [www.clifford.com/wizard](http://www.clifford.com/wizard)

### **Lifetime limited factory warranty terms & conditions**

Clifford vehicle security systems and accessories require professional installation by an Authorized Clifford Dealer. Unless the system is sold and installed by an Authorized Clifford Dealer, all product warranties and guarantees are void. As the manufacturer, Clifford Electronics warrants to the original consumer purchaser, the system control unit and remote controls to be free from defects in material and workmanship for as long as you own the vehicle in which the system was originally installed. All other parts of the system and accessories to the system are warranted to be free from defects in material and workmanship for one (1) year from the date of purchase. Clifford Electronics will repair or replace, at its option and free of charge during the warranty period, any system component that proves defective in material or workmanship under normal installation, use, and service, provided the product is returned to our factory by an Authorized Clifford Dealer, transportation charges prepaid. Products returned to our factory must be accompanied by a photo copy of the purchase receipt. In the absence of such purchase receipt, the warranty period shall be one (1) year from the date of manufacture. Any damage to the product(s) as a result of mis use, abuse, neglect, accident, incorrect wiring, improper installation, destruction or alteration of the serial number, repair or alteration outside our factory, or any use in violation of instructions furnished by us will void the warranty. This warranty is limited to defective parts and specifically excludes any incidental or consequential damages connected therewith. This warranty is not transferable. Clifford Electronics makes no warranty against theft. This warranty is not to be construed as an insurance policy against loss. Warranty on installation labor, removal and reinstallation charges are not the responsibility of Clifford Electronics, Inc.

### **Theft protection guarantee terms & conditions**

In the event that your automobile is stolen and not recovered within 30 days, Clifford Electronics will refund to you, the original purchaser of the Clifford system, your insurance theft deductible up to \$3,000 (USA and Canada only). This guarantee applies only to the owner of the vehicle in which the Clifford system was originally installed and that you were the owner of this same vehicle when it was stolen. This guarantee is valid only in the USA and Canada and only if:

- (1) Installation of the Clifford vehicle security product was performed by an Authorized Clifford dealer.
- (2) Clifford Electronics window stickers are adhered to both the driver's-side and curb-side windows and are clearly visible on both sides from outside the vehicle.
- (3) At the time of the theft, the Clifford system was fully functional, armed and not in "valet mode."
- (4) Your insurance company and the police have been notified and a written stolen vehicle report was issued by the Police Department.
- (5) No less than thirty (30) days **after** the police report was issued, you mail to the nearest Clifford Electronics location noted on the back cover of this manual clear photocopies of the following documents:
  - I. The stolen vehicle police report noting the location and phone number of the police station that issued the report.
  - II. A dated declaration signed by you, the owner of the vehicle, attesting that the vehicle has been stolen for more than thirty (30) days and has not been recovered.
  - III. A photocopy of the payment you received from your insurance company for the loss of your vehicle.
  - IV. A photocopy of your insurance policy showing your name and the theft deductible.

This guarantee is effective for 6 months from the date of purchase as indicated by your purchase receipt (or 12 months if you complete the online registration process at [www.clifford.com/register](http://www.clifford.com/register) within 10 days of purchase), is limited to one claim and is valid only when the entire vehicle was stolen and not recovered. This guarantee is not transferable and specifically excludes any other consideration, including, but not limited to, damage caused to the vehicle, theft of parts or contents, or any consequential damages. Once Clifford Electronics verifies the above listed requirements have been met, a payment will be made to you in accordance with the above stated provisions.

**BONUS IF YOU REGISTER ONLINE:** *Within 10 days of purchase, register your Clifford purchase online at [www.clifford.com/register](http://www.clifford.com/register) and, as a bonus for doing so, Clifford Electronics will double the duration of your system's theft protection guarantee from 6 months to 12 months.*

*Don't have a home computer? If you do not have a home computer to register online, keep in mind that you may do so via the computer of a friend or relative, via an Internet connection at your workplace, via a "cyber-cafe" or via most local schools and libraries. THANKS!*

**European models only: This form must be completed by your Authorised Clifford Dealer**

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# Installation Certificate

I, the undersigned professional installer, certify that the installation of the vehicle immobiliser described below has been carried out by myself pursuant to the mounting instructions supplied by the manufacturer of the system.

Description of the vehicle
Make: _____
Type: _____
Serial number: _____
Registration number: _____

Description of the vehicle alarm system
Make: _____
Type: <u>Vehicle immobiliser</u> _____
Serial number: _____
Approval number: _____

Done at: \_\_\_\_\_ On: \_\_\_\_\_  
*Installer's full address (and stamp, if appropriate)*

Signature: \_\_\_\_\_ Job position: \_\_\_\_\_

**USA Headquarters West**

20750 Lassen Street Chatsworth, California 91311  
1-800-CLIFFORD or 1-800-824-3208 or 1-818-709-7551

**USA Headquarters East**

1535 Barclay Boulevard Buffalo Grove, Illinois 60089  
1-800-CLIFFORD or 1-800-824-3208 or 1-818-709-7551

**Canada Headquarters**

4513 Dobrin Street Montreal, Quebec H4R 2L8  
1-800-361-3444 or 1-514-332-4444

**UK Headquarters**

Boundary Business Court  
92/94 Church Road Mitcham, Surrey CR4 3TD  
0800 929949 or 0181 646 8440

**Germany Headquarters**

Schlesische Straße 27 10997 Berlin  
0130 115 681 oder 030 611 2602

**Mexico Headquarters**

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Deleg. Benito Juárez 03300 México D.F.  
01 800 021 2543 o 5 605 0382

**Netherlands Headquarters**

Trompenburgstraat 8A  
1079 TX Amsterdam  
020 40 40 919

Clifford systems are covered by one or more of these  
Clifford Electronics USA patents: 4,158,874; 4,233,642;  
4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064;  
4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215;  
5,157,375; 5,467,070; 5,650,744 and other patents pending